



OSMM&N File No. 0039-7451-2SREISSUE  
✓ Serial No. 09/458,235  
In the matter of the Application of: Naohisa KAMIYAMA  
For: ULTRASOUND DIAGNOSTIC APPARATUS AND METHOD

Dept.: E/M  
By: EHK/mlh

**Due Date: N/A**

The following has been received in the U.S. Patent Office on the date stamped hereon:

- Dep. Acct. Order Form
- Letter To The Commissioner
- Executed Supplemental Reissue Declaration by the Inventor
- PTO Cover Letter

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Docket No.: 0039-7451-2S REISSUE

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COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

RE: Application Serial No.: 09/458,235

Applicants: Naohisa KAMIYAMA

Filing Date: December 9, 1999

For: ULTRASOUND DIAGNOSTIC APPARATUS AND  
METHOD

Group Art Unit: 3737

Examiner: JAWORSKI, F.

**COPY**

SIR:

Attached hereto for filing are the following papers:

**LETTER TO THE COMMISSIONER**  
**EXECUTED SUPPLEMENTAL REISSUE DECLARATION BY THE INVENTOR**

Our check in the amount of \$0.00 is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R 1.136 for any necessary Extension of Time to make the filing of the attached documents timely, please charge or credit the difference to our Deposit Account No. 15-0030. Further, if these papers are not considered timely filed, then a petition is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

---

Eckhard H. Kuesters  
Registration No. 28,870

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**22850**

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DOCKET NO: 0039-7451-2S REISSUE

IN THE UNITED STATES PATENT & TRADEMARK OFFICE



IN RE APPLICATION OF

NAOHISA KAMIYAMA

SERIAL NO: 09/458,235

FILED: DECEMBER 9, 1999

FOR: ULTRASOUND DIAGNOSTIC  
APPARATUS AND METHOD

:

: EXAMINER: JAWORSKI, F.

:

: GROUP ART UNIT: 3737

:

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LETTER TO THE COMMISSIONER

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Further to Applicant's Supplemental Amendment filed June 14, 2004, attached hereto is a Supplemental Reissue Application Declaration executed by the inventor.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

Customer Number

22850

Eckhard H. Kuesters  
Registration No. 28,870  
Attorney of Record

Fax #: (703) 413-2220

EHK/mlh

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**COPY**



**SUPPLEMENTAL REISSUE APPLICATION  
DECLARATION BY THE INVENTOR**

Docket Number  
0039-7451-2S REISSUE

As a below named inventor, I hereby declare that:  
My residence, post office address and citizenship are stated below next to my name.  
I believe I am the original, first and sole inventor (if only one name is listed below) or an original first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed in the below identified patent:

Patent Number  
5,694,937

Date Patent Issued  
December 9, 1997

Type of invention

**ULTRASOUND DIAGNOSTIC APPARATUS AND METHOD**

for which a reissue patent is sought on the invention entitled:

**ULTRASOUND DIAGNOSTIC APPARATUS AND METHOD**

the specification of which

is attached hereto

was filed on December 9, 1998

as reissue application number 09/458,235

June 12, 2002, June 24, 2003,  
July 7, 2003, and June 14, 2004,  
respectively

and (if applicable) was amended on

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56. We (I) hereby claim foreign priority benefits under 35 USC §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed. Prior Foreign Application(s):

<u>Application No.</u>	<u>Country</u>	<u>Date/Month/Year</u>	<u>Priority Claimed</u>
7-013874	JAPAN	31/JANUARY/1995	YES
7-089773	JAPAN	14/APRIL/1995	YES
7-143525	JAPAN	09/JUNE/1995	YES

We (I) hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below.

Application Number

Filing Date

We (I) hereby claim the benefit under 35 USC §120 of any United States application(s), or §365I of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 USC §112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

<u>Application Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
08/593,886	January 30, 1996	Patented

I verify believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below.  
(Check all that apply)

- by reason of a defective specification or drawing.
- by reason of the patentee claiming more or less than he had the right to claim in the patent.

Reissue Application Declaration by the Inventor (Continued)

At least one error upon which reissue is based is described as follows:  
In Figure 5,  $\Delta t_1$  and  $\Delta t_2$  are shown reversed. Failure to obtain the claimed scope recited in Claim 29 was error, and in particular, failure to claim an ultrasound diagnostic apparatus in which first and second drive signals result in generation of respective echo signals representative of first and second image qualities, as stated in Claim 29.

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected herewith:

Customer Number

22850

Correspondence Address:

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.  
1940 Duke Street  
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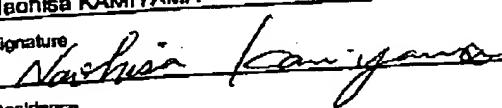
Telephone: (703) 413-3000

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full Name of sole or first inventor (given name, family name)

Naohisa KAMIYAMA

Signature



Date

June 16, 2004

Residence

Otawara-shi, Tochigi-ken, Japan

Citizenship

Japan

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Tokyo 105, Japan

Full Name of second joint inventor (given name, family name)

Signature

Date

Residence

Citizenship

Post Office Address

Full Name of third joint Inventor (given name, family name)

Signature

Date

Residence

Citizenship

Post Office Address

Additional joint Inventors are named on separately numbered sheets attached hereto.

(OSMANN 03/02)  
PATENT/REISSUE APPLICATION 610397451-DECLARATION.DOC